

Cu/PVC LiFY (Extra-Flex cables) superflex cables



ITALCOND - MADE IN ITALY

TECHNICAL FEATURES

Operating temperature	Fixed -30 °C ÷ +70 °C / mobile use -15 °C ÷ +70 °C
Rated voltage	300/500 V - 1000 V
Testing voltage	1,5 kV
Current carrying capacity	Acc. to DIN VDE 0295 resp. IEC 60228
Conductor material	Bare copper
Conductor class	Ultra-fine stranded: 0,05, 0,07 or 0,10mm acc. to IEC 60228 Class 6
Core insulation	Thermoplastic material based PVC
Core identification	Single-coloured
Min. bending radius	Fixed 6 x cable Ø / mobile use 10 x cable Ø

APPLICATION

High flexible single core, in combination with high flexible insulation, useable in and on mobile equipment and measuring equipment

SPECIAL FEATURES

Superfine stranded copper wire, flexible with soft core insulation

REMARKS

Conform to RoHS
CE acc. to EC Low-Voltage Directive 73/23/EEC and 93/68/EEC

Section	Cable structure	Nom. O.D.	Copper weight	Approx. Cable weight
mm ²		mm	kg/km	kg/km
0,10	51x0,05	1,0	1,0	2,1
0,14	72x0,05	1,1	1,4	2,6
0,25	65x0,07	1,4	2,5	4,2
0,5	132x0,07	2,0	5,0	8,0
0,75	195x0,07	2,2	8,0	12,0
1	260x0,07	2,5	10,0	18,0
1,5	385x0,07	2,9	15,0	22,0
2,5	651x0,07	3,8	25,0	37,0
4	512x0,10	5,0	40,0	50,0
6	768x0,10	6,0	60,0	71,0
10	1280x0,10	7,5	96,0	130,0
16	2048x0,10	9,0	154,0	187,0
25	3234x0,10	10,5	250,0	294,0
35	4508x0,10	12,5	336,0	380,0
50	6468x0,10	13,8	480,0	521,0
70	8967x0,10	15,5	672,0	740,0
LiFY measuring core 1000 V				
0,75	195x0,07	4,0	8,0	15,0
1,5	192x0,10	4,4	15,0	25,0